Amendments to the Claims

Please cancel Claims 4, 12, 20, 28, 36 and 54 without prejudice or

disclaimer of the subject matter recited therein.

Please amend Claims 1, 5, 8, 9, 13, 14, 16, 17, 21, 24, 25, 29, 32, 33, 37 and

40-49, and add Claims 55 and 56 to read as follows.

1.   (Currently Amended) A printing apparatus which receives print

data from a host computer and prints, on a recording medium, an image on the basis of the

received print data, the host computer, upon receipt of a notification of print cancellation

from said printing apparatus during generating and outputting of the print data to said

printing apparatus, stopping generation of the print data and outputting predetermined data

to said printing apparatus, said printing apparatus comprising:

instruction means for issuing a print cancel instruction;

notification means for, in response to the print cancel instruction by said

instruction means, stopping a current printing process and notifying a higher-order

apparatus the host computer of print cancellation, to cause the higher-order apparatus the

host computer to stop generation of print data and to output the predetermined data; and

processing means for, after issuance of the print cancel instruction by said

instruction means, deleting the print data received until the predetermined data[[,]]

outputted by is received from the higher-order apparatus host computer. in response to a

notification of print cancellation by said notification means, is inputted.

2.   (Previously Presented) The printing apparatus according to claim 1, wherein the predetermined data indicates end of print job.

3.   (Previously Presented) The printing apparatus according to claim 1, wherein the predetermined data includes an end mark.

4.   (Canceled).

5.   (Currently Amended) The printing apparatus according to claim 1, wherein communication with the ~~higher-order apparatus~~ host computer is made by packet communication, and wherein said notification means notifies the ~~higher-order apparatus~~ host computer of the print cancellation, to cause the ~~higher-order apparatus~~ host computer to output dummy data for adjustment of packet data length and to output a packet including the predetermined data, in response to the print cancel instruction by said instruction means.

6.   (Previously Presented) The printing apparatus according to claim 1, further comprising means for printing information regarding the print cancellation on a recording medium on which an image is printed based on the print data.

7.　　(Previously Presented)　The printing apparatus according to claim 1, wherein the predetermined data includes a control code indicating end of print job.

8.　　(Currently Amended)　The printing apparatus according to claim 1, wherein after the issuance of the print cancel instruction by said instruction means, said processing means causes paper discharge.~~, inputs the print data from the higher-order apparatus, and deletes the print data until the predetermined data, outputted from the higher-order apparatus in response to the notification of print cancellation by said notification means, is inputted.~~

9.　　(Currently Amended)　A printing system comprising a ~~higher-order apparatus~~ host computer and a printing apparatus which prints an image on a recording medium,

wherein said printing apparatus comprises:

instruction means for issuing a print cancel instruction;

notification means for, in response to the print cancel instruction by said instruction means, stopping a current printing process and notifying said ~~higher-order apparatus~~ host computer of print cancellation; and

processing means for, after issuance of the print cancel instruction by said instruction means, deleting print data received until predetermined data ~~outputted by said higher-order apparatus~~ is ~~inputted~~ received from said host computer, and

- 4 -

wherein said ~~higher-order apparatus~~ host computer comprises:

means for, in response to a notification of print cancellation by said

notification means, stopping generation of print data, and outputting the predetermined

data.

10.   (Previously Presented) The printing system according to claim 9,

wherein the predetermined data indicates end of print job.

11.   (Previously Presented) The printing system according to claim 9,

wherein the predetermined data includes an end mark.

Claim 12   (Canceled).

13.   (Currently Amended) The printing system according to claim 9,

wherein communication with said ~~higher-order apparatus~~ host computer is made by packet

communication, and wherein said notification means notifies said ~~higher-order apparatus~~

host computer of print cancellation, to cause said ~~higher-order apparatus~~ host computer to

output dummy data for adjustment of packet data length and to output a packet including

predetermined data in response to the print cancel instruction by said instruction means.

14.   (Currently Amended)   The printing system according to claim 9, wherein said printing apparatus further comprising comprises means for printing information regarding the print cancellation on a recording medium on which an image is printed based on the print data.

15.   (Previously Presented)   The printing system according to claim 9, wherein the predetermined data includes a control code indicating end of print job.

16.   (Currently Amended)   The printing system according to claim 9, wherein after the issuance of the print cancel instruction by said instruction means, said processing means causes paper discharge., inputs the print data from said higher-order apparatus, and deletes the print data until the predetermined data, outputted from said higher-order apparatus in response to the notification of print cancellation by said notification means, is inputted.

17.   (Currently Amended)   A printing cancellation method for a printing apparatus which receives print data from a host computer and prints, on a recording medium, an image on the basis of the received print data, the host computer, upon receipt of a notification of print cancellation from the printing apparatus during generating and outputting of the print data to the printing apparatus, stopping generation of the print data and outputting predetermined data to the printing apparatus, comprising:

a determination step of determining whether or not a print cancel instruction

has been inputted during printing based on print data;

a notification step of, if determined at said determination step that the print

cancel instruction has been inputted, <u>stopping a current printing process and</u> notifying a

~~higher-order apparatus~~ <u>the host computer</u> of print cancellation, to cause the ~~higher-order~~

~~apparatus~~ <u>host computer</u> to stop generation of the print data and to output <u>the</u>

predetermined data; and

a processing step of, after input of the print cancel instruction, deleting the

print data <u>received</u> until the predetermined data <u>is received from the host computer.</u>~~;~~

~~outputted by the higher-order apparatus in response to a notification of print cancellation at~~

~~said notification step, is inputted.~~

18.   (Previously Presented) The printing cancellation method according

to claim 17, wherein the predetermined data indicates end of print job.

19.   (Previously Presented) The printing cancellation method according

to claim 17, wherein the predetermined data includes an end mark.

Claim 20 (Canceled).

21.　(Currently Amended)　The printing cancellation method according to claim 17, wherein communication with the ~~higher-order apparatus~~ host computer is made by packet communication, and wherein at said notification step, the ~~higher-order apparatus~~ host computer is notified of print cancellation, and thereby caused to output dummy data for adjustment of packet data length and to output a packet including the predetermined data, in response to the print cancel instruction at said instruction step.

22.　(Previously Presented)　The printing cancellation method according to claim 17, further comprising the step of printing information regarding the print cancellation on a recording medium on which an image is printed based on the print data.

23.　(Previously Presented)　The printing cancellation method according to claim 17, wherein the predetermined data includes a control code indicating end of print job.

24.　(Currently Amended)　The printing cancellation method according to claim 17, wherein at said processing step, after the input of the print cancel instruction at said instruction step, paper discharge is caused., ~~the print data is inputted from the higher-order apparatus, and the print data is deleted until the predetermined data, outputted from the higher-order apparatus in response to the notification of print cancellation at said notification step, is inputted.~~

- 8 -

25.   (Currently Amended)   A computer-readable storage medium

holding a program of a printing cancellation method for a printing apparatus which

receives print data from a host computer and prints, on a recording medium, an image on

the basis of the received print data, the host computer, upon receipt of a notification of

print cancellation from the printing apparatus during generating and outputting of the print

data to the printing apparatus, stopping generation of the print data and outputting

predetermined data to the printing apparatus, comprising: having:

a determination step of determining whether or not a print cancel instruction

has been inputted during printing based on print data;

a notification step of, if determined at said determination step that the print

cancel instruction has been inputted, stopping a current printing process and notifying a

higher-order apparatus the host computer of print cancellation, to cause the higher-order

apparatus host computer to stop generation of the print data and to output the

predetermined data; and

a processing step of, after input of the print cancel instruction, deleting the

print data received until the predetermined data is received from the host computer.;

outputted by the higher-order apparatus in response to a notification of print cancellation at

said notification step, is inputted.

26.   (Previously Presented) The storage medium according to claim 25,

wherein the predetermined data indicates end of print job.

27.   (Previously Presented) The storage medium according to claim 25, wherein the predetermined data includes an end mark.

Claim 28 (Canceled).

29.   (Currently Amended)   The storage medium according to claim 25, wherein communication with the ~~higher-order apparatus~~ host computer is made by packet communication, and wherein at said notification step, the ~~higher-order apparatus~~ host computer is notified of print cancellation, and thereby caused to output dummy data for adjustment of packet data length and to output a packet including predetermined data, in response to the print cancel instruction at said instruction step.

30.   (Previously Presented) The storage medium according to claim 25, wherein said program further comprises the step of printing information regarding the print cancellation on a recording medium on which an image is printed based on the print data.

31.   (Previously Presented) The storage medium according to claim 25, wherein the predetermined data includes a control code indicating end of print job.

32.   (Currently Amended)   The storage medium according to claim 25, wherein after the input of the print cancel instruction, at said processing step, paper discharge is caused., ~~the print data is inputted from the higher-order apparatus, and the print data is deleted until the predetermined data, outputted from the higher-order apparatus in response to the notification of print cancellation at said notification step, is inputted.~~

33.   (Currently Amended)   A program, <u>stored on a computer-readable medium,</u> of a printing cancellation method for a printing apparatus which receives print data from a host computer and prints, on a recording medium, an image on the basis of the received print data, the host computer, upon receipt of a notification of print cancellation from the printing apparatus during generating and outputting of the print data to the printing apparatus, stopping generation of the print data and outputting predetermined data to the printing apparatus, comprising:

a determination step of determining whether or not a print cancel instruction has been inputted during printing based on print data;

a notification step of, if determined at said determination step that the print cancel instruction has been inputted, <u>stopping a current printing process and</u> notifying a ~~higher-order apparatus~~ <u>the host computer</u> of print cancellation, to cause the ~~higher-order apparatus~~ <u>host computer</u> to stop generation of the print data and to output <u>the</u> predetermined data; and

a processing step of, after input of the print cancel instruction, deleting the

print data <u>received</u> until the predetermined data, ~~outputted by the higher-order apparatus in~~

~~response to a notification of print cancellation at said notification step, is inputted~~ <u>is</u>

<u>received from the host computer.</u>

34.   (Previously Presented) The program according to claim 33, wherein

the predetermined data indicates end of print job.

35.   (Previously Presented) The program according to claim 33, wherein

the predetermined data includes an end mark.

Claim 36 (Canceled).

37.   (Currently Amended) The program according to claim 33, wherein

communication with the ~~higher-order apparatus~~ <u>host computer</u> is made by packet

communication, and wherein at said notification step, the ~~higher-order apparatus~~ <u>host</u>

<u>computer</u> is notified of print cancellation, and thereby caused to output dummy data for

adjustment of packet data length and to output a packet including the predetermined data,

in response to input of the print cancel instruction.

38.   (Previously Presented) The program according to claim 33, further comprising the step of printing information regarding the print cancellation on a recording medium on which an image is printed based on print data.

39.   (Previously Presented) The program according to claim 33, wherein the predetermined data includes a control code indicating end of print job.

40.   (Currently Amended) The program according to claim 33, wherein after the input of the print cancel instruction, at said processing step, paper discharge is caused., the print data is inputted from the higher-order apparatus, and the print data is deleted until the predetermined data, outputted from the higher-order apparatus in response to the notification of print cancellation at said notification step, is inputted.

41.   (Currently Amended) An information processing apparatus which generates print data and outputs to a printing apparatus, comprising:

determination means for, when while generating and sending print data is generated and transferred to a the printing apparatus, determining whether or not a notification of print cancellation has been received from the printing apparatus; and

transfer means for, if said determination means determines that the notification of print cancellation has been received, stopping generation of the print data, and transferring predetermined data indicating a break of the print data, deleted after issuance of the notification of print cancellation from the printing apparatus, to the printing apparatus.

42. (Currently Amended) An information processing method which generates print data and outputs to a printing apparatus, comprising:

a determination step of, when while generating and sending print data is generated and transferred to a the printing apparatus, determining whether or not a notification of print cancellation has been received from the printing apparatus; and

a transfer step of, if determined at said determination step that the notification of print cancellation has been received, stopping generation of the print data, and transferring predetermined data indicating a break of the print data, deleted after issuance of the notification of print cancellation from the printing apparatus, to the printing apparatus.

43. (Currently Amended) A printing processing program, which is stored on a computer-readable medium and generates print data and outputs to a printing apparatus, comprising:

a determination step of, ~~when~~ while generating and sending print data ~~is~~

~~generated and transferred~~ to ~~a~~ the printing apparatus, determining whether or not a

notification of print cancellation has been received from the printing apparatus; and

a transfer step of, if determined at said determination step that the

notification of print cancellation has been received, stopping generation of the print data,

and transferring predetermined data indicating a break of the print data, deleted after

issuance of the notification of print cancellation from the printing apparatus, to the printing

apparatus.

44.   (Currently Amended)   A computer-readable storage medium

holding a printing processing program which generates print data and outputs to a printing

apparatus, comprising:

a determination step of, ~~when~~ while generating and sending print data ~~is~~

~~generated and transferred~~ to ~~a~~ the printing apparatus, determining whether or not a

notification of print cancellation has been received from the printing apparatus; and

a transfer step of, if determined at said determination step that the

notification of print cancellation has been received, stopping generation of the print data,

and transferring predetermined data indicating a break of the print data, deleted after

issuance of the notification of print cancellation from the printing apparatus, to the printing

apparatus.

45.   (Currently Amended)   The printing apparatus according to claim 1, wherein the ~~higher-order apparatus~~ host computer transmits the print data before a break of command and then outputs the predetermined data to said printing apparatus, in response to the issuance of the print cancel instruction by said instruction means.

46.   (Currently Amended)   The printing system according to claim 9, wherein said ~~higher-order apparatus~~ host computer transmits the print data before a break of command and then outputs the predetermined data to said printing apparatus, in response to the issuance of the print cancel instruction by said instruction means.

47.   (Currently Amended)   The printing cancellation method according to claim 17, wherein the ~~higher-order apparatus~~ host computer transmits the print data before a break of command and then outputs the predetermined data to the printing apparatus, in response to the input of the print cancel instruction.

48.   (Currently Amended)   The storage medium according to claim 25, wherein the ~~higher-order apparatus~~ host computer transmits the print data before a break of command and then outputs the predetermined data to the printing apparatus, in response to the input of the print cancel instruction.

49. (Previously Presented) The program according to claim 33, wherein the ~~higher-order apparatus~~ <u>host computer</u> transmits the print data before a break of command and then outputs the predetermined data to the printing apparatus, in response to the input of the print cancel instruction.

50. (Previously Presented) The information processing apparatus according to claim 41, wherein if said determination means determines that the notification of print cancellation has been received, said transfer means transmits the print data before the break of command, and then outputs the predetermined data to the printing apparatus.

51. (Previously Presented) The information processing method according to claim 42, wherein if determined at said determination step that the notification of print cancellation has been received, the print data before the break of command is transmitted and then the predetermined data is outputted to the printing apparatus at said transfer step.

52. (Previously Presented) The printing processing program according to claim 43, wherein if determined at said determination step that the notification of print cancellation has been received, the print data before the break of command is transmitted and then the predetermined data is outputted to the printing apparatus at said transfer step.

53.   (Previously Presented) The storage medium holding the printing processing program according to claim 44, wherein if determined at said determination step that the notification of print cancellation has been received, the print data before the break of command is transmitted and then the predetermined data is outputted to the printing apparatus at said transfer step.

Claim 54 (Canceled).

55.   (New) The printing apparatus according to Claim 1, wherein said processing means skips the print data received until the predetermined data is received from the host computer.

56.   (New) The printing cancellation method according to Claim 17, wherein said processing step skips the print data received until the predetermined data is received from the host computer.